

☐ 1: <u>CAC45046</u>. Reports beta-1,3-galactos...[gi:15028816]

BLink, Conserved Domains, Links

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                                                                  PRI 13-JUN-2006
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            beta-1,3-galactosyltransferase b3Gal-T8 [Homo sapiens].
DEFINITION
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VERSION
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DBSOURCE
            embl locus HSA132443, accession AJ132443.1
KEYWORDS
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            Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini;
            Catarrhini; Hominidae; Homo.
REFERENCE
  AUTHORS
            Amado, M., Almeida, R., Schwientek, T. and Clausen, H.
  TITLE
            Identification and characterization of large galactosyltransferase
            gene families: galactosyltransferases for all functions
  JOURNAL
            Biochim. Biophys. Acta 1473 (1), 35-53 (1999)
   PUBMED
            10580128
REFERENCE
 AUTHORS
            Jensen, M.A. and Bennett, E.P.
 TITLE
            Cloning of a new member of the beta-1,3-galactosyltransferase
            family, b3Gal-T8
  JOURNAL
            Unpublished
REFERENCE
               (residues 1 to 309)
 AUTHORS
            Jensen, M.A.
 TITLE
            Direct Submission
 JOURNAL
            Submitted (21-JAN-1999) Jensen M.A., School of Dentistry,
            University if Copenhagen, Norre Alle 20, 2200 Copenhagen N, DENMARK
FEATURES
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ORIGIN

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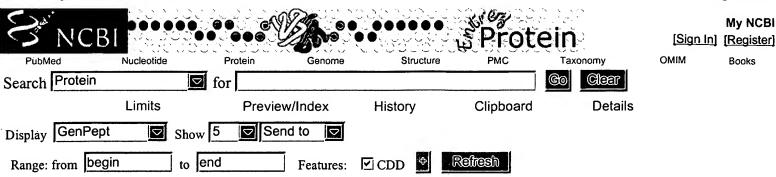
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301 illlcqyld
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1: AAF81981. Reports core1 UDP-galacto...[gi:8927162]

Features Sequence 363 aa linear PRI 03-JAN-2002 LOCUS AAF81981 core1 UDP-galactose: N-acetylgalactosamine-alpha-R beta DEFINITION 1,3-galactosyltransferase [Homo sapiens]. ACCESSION AAF81981 AAF81981.1 GI:8927162 VERSION DBSOURCE locus AF155582 accession AF155582.1 KEYWORDS SOURCE Homo sapiens (human) ORGANISM Homo sapiens Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini; Catarrhini; Hominidae; Homo. REFERENCE (residues 1 to 363) AUTHORS Ju, T.Z., Cummings, R.D. and Canfield, W.M. TITLE Cloning and characterization of human core1 UDP-galactose:N-acetylgalactosamine-alpha-R beta 1,3-galactosyltransferase (Core1 beta3-Gal-T) cDNA sequence **JOURNAL** Unpublished REFERENCE (residues 1 to 363) **AUTHORS** Ju, T.Z., Cummings, R.D. and Canfield, W.M. TITLE Direct Submission **JOURNAL** Submitted (01-JUN-1999) Department of Medicine, The University of Oklahoma, Health Science Center, 975 N.E. 10th Street, Biomedical Research Center, Room 411, Oklahoma City, OK 73104, USA COMMENT Method: conceptual translation supplied by author. **FEATURES** Location/Qualifiers 1..363 source /organism="Homo sapiens" /db_xref="taxon:9606" /chromosome="7" /map="7p14-p13" 1..363 Protein /product="core1 UDP-galactose: N-acetylgalactosamine-alpha-R beta 1,3-galactosyltransferase" /EC_number="2.4.1.122" /function="responsible for the synthesis of core1 structure of O-glycans" /name="core1 beta3-Gal-T" Region 5..32 /region name="non-cleavable transmembrane signal" /inference="non-experimental evidence, no additional details recorded" Region <164..>221 /region name="Fringe"

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